



# WAMPANOAG ENVIRONMENTAL LABORATORY CYANOBACTERIA MONITORING

Sample Date: *September 7, 2021*  
Water Body: *Squibnocket Pond*  
Sampling Location: *Aquinnah Public Access: Howland Path*  
Town: *Aquinnah*

Warning Tier: **LOW**

## Sample Review:

The laboratory field team sampled the Aquinnah public access point for Squibnocket Pond, Tuesday, September 7, 2021 to collect a water sample for cyanobacteria analysis.

The sample was analyzed via fluorometry and microscopy for phycocyanin and cyanobacteria speciation. The sample and environment indicate that a health advisory is not required at this time for this location. No algal mats were noted at the site (See images below). No cyanobacteria cells were present under the microscope. The phycocyanin level was at 11.68 ppb. Using the APCC's (Association to Preserve Cape Cod) monitoring program guidelines, our results would warrant a warning tier of "Low" due to the phycocyanin levels being below the threshold of <160 µg/L and no detectable cyanobacteria species present



*Images of the Aquinnah Public access point at the end of the Howland Path, 9/7/2021*

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